

# Earthdata UTC Meeting 06.21.2016

## 1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

## 2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
  - EMS Release 1.4.0 - URS Fixes in EMS
    - Includes: Retrieving Primary Study Area and Country from URS to associate with URS-enabled records. Also added a LoginType field to easily identify URS records for EMS reports
    - Waiting on approval from ESDIS to finalize changes and deploy into production
  - System Performance Improvements
    - Completed performance test – gathering results
  - LARCNRT2
    - Configured new data provider LARCNRT2. Currently in Production. LARCNRT2 sent over 2000 logs to EMS to process
  - EMS Performance Upgrades
    - We are testing performance improvements to EMS. Currently in UAT. These upgrades should improve the time it takes EMS to process daily logs

- 1. Attendance
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- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search/MMT
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- 9. Open Floor

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## 3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
  - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
  - Current increment PI1.1
  - In Production (Release 4.50)
- [Earthdata Login public wiki](#)

### Sprint Status

| Sprint | Start Date  | Release | UAT Date  | OPS Date  |
|--------|---|---------|---|---|
| PI1.1  |  20 Jun 2016 |         |   |   |
| 2.74   |  06 Jun 2016 | 4.51    |   |   |
| 2.73   |  23 May 2016 | 4.50    |  09 Jun 2016 |  16 Jun 2016 |
| 2.72   |  09 May 2016 | 4.49    |  26 May 2016 |  02 Jun 2016 |

|      |   |      |   |   |
|------|---|------|---|---|
| 2.71 |  25 Apr 2016 | 4.48 |  12 May 2016 |  19 May 2016 |
| 2.70 |  11 Apr 2016 | 4.47 |  28 Apr 2016 |  05 May 2016 |

## Ticket Status

| Ticket  | Sprint |
|---|--------|
| <a href="#">URSF0UR-670</a> - Error when MMT accesses URS API in UAT  | 2.74   |
| <a href="#">URSF0UR-664</a> - Application image/description does not show up in pre-authorization.                                    |        |
| <a href="#">URSF0UR-655</a> - Include profile 'age' with user profile info.   | 2.73   |
| <a href="#">URSF0UR-649</a> - Reference to 'User Registration System' in Earthdata Login GUI.   | 2.72   |
| <a href="#">URSF0UR-643</a> - Provide a means for an application to require a value for user profile fields.                          | 2.70   |
| <a href="#">URSF0UR-639</a> - Improved error message needed.  | 2.68   |
| <a href="#">URSF0UR-628</a> - Accounts locked due to too many login attempts should unlock automatically after a short time interval. | 2.71   |
| <a href="#">URSF0UR-623</a> - Create a urs page that can act as a test server for clients.  | 2.68   |
| <a href="#">URSF0UR-615</a> - Improve URS GUI messages for locked accounts  | 2.60   |

|  |      |
|--|------|
| <a href="#">URSF0UR-607</a> - Provide a way to easily migrate production URS users into UAT                                    | 2.60 |
| <a href="#">URSF0UR-594</a> - Provide an ROPC implementation for URS   | 2.58 |
| <a href="#">URSF0UR-593</a> - Provide a 'User Services' role within URS.   | 2.58 |
| <a href="#">URSF0UR-590</a> - Some of the text is not visible for oauth/authorize and users/app_approve page after EUI changes | 2.57 |

## 4. Earthdata

[Nathan Clark](#) [Brett McLaughlin](#) [Mark Reese](#)

- Developer Portal
  - Getting Starting pages
  - CMR documentation
  - Styling of pages

**Key tickets in current sprint**

## 5. User Support Tool

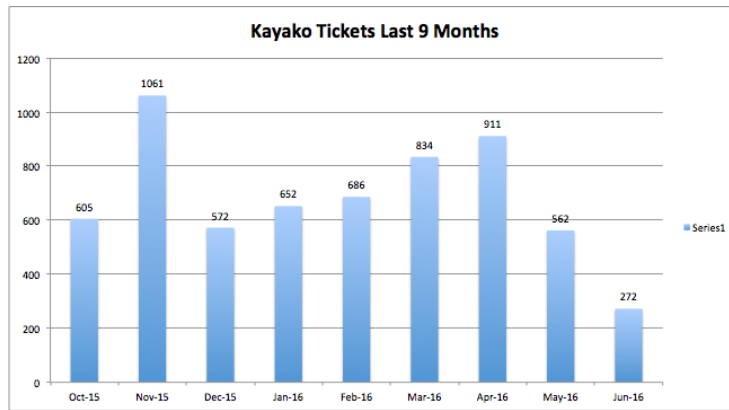
[Nemanja Djuric](#)

Activities:

Issues:

**Recent Metrics**

## Kayako Overall Last 9 Months Tickets



## Total Kayako Tickets since last UTC

|                  | Closed | In Progress | On Hold | Open | Waiting for DAAC | Waiting for User |
|------------------|--------|-------------|---------|------|------------------|------------------|
| ASDC             | 35     | 2           |         | 3    | 1                |                  |
| ASF              | 2      |             |         |      |                  |                  |
| CDDIS            | 1      |             |         |      |                  |                  |
| ECC              | 7      |             |         |      |                  |                  |
| ECHO             | 4      |             |         | 2    |                  |                  |
| Earthdata        | 3      |             |         | 2    |                  |                  |
| Earthdata Search | 7      |             | 2       | 2    |                  |                  |
| FIRMS            | 7      |             |         | 1    |                  |                  |
| GCMD             | 9      | 1           |         |      |                  |                  |
| GES-DISC         | 1      |             |         |      |                  |                  |
| GHRC             | 4      |             |         |      |                  | 3                |
| GIBS             | 2      |             |         |      |                  |                  |

|                     |     |    |   |    |   |   |
|---------------------|-----|----|---|----|---|---|
| JAMA                |     |    |   | 1  |   |   |
| LANCE               | 1   |    |   |    |   |   |
| LPDAAC              | 37  | 5  |   |    | 1 | 3 |
| MODAPS              | 26  |    |   |    |   |   |
| NSIDC               | 2   |    |   |    |   |   |
| ORNL<br>DAAC        |     |    |   | 1  |   |   |
| PO.DAAC             | 5   | 3  |   | 4  |   |   |
| PO.DAAC<br>Forum    |     |    |   | 1  |   |   |
| Rapid<br>Response   | 2   |    |   |    |   |   |
| Reverb              | 5   |    |   |    |   |   |
| Sea Level<br>Change |     |    |   | 2  |   |   |
| URS                 | 53  |    |   |    |   |   |
| UUI                 | 2   |    |   | 1  |   |   |
| Worldview           | 15  |    |   |    |   | 1 |
| Total               | 230 | 11 | 2 | 20 | 2 | 7 |

## 6. CMR/ECHO/Earthdata Search/MMT

Doug Newman

### CMR/ECHO System Status

#### System Issues

- 06/08/2016 22:56-23:01 ET: Large influx of wildcard searches in CMR caused brief outage.

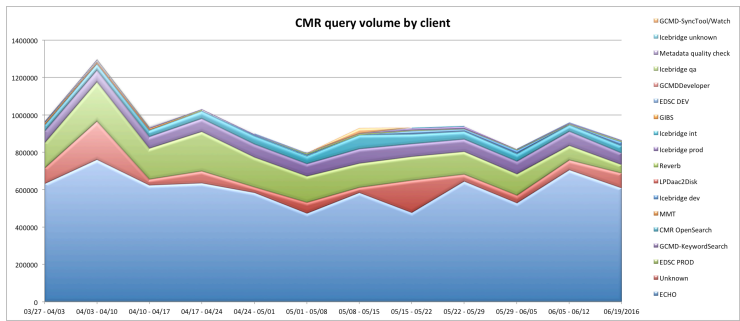


CMR-3060 - JIRA project doesn't exist or you don't have permission to view it.

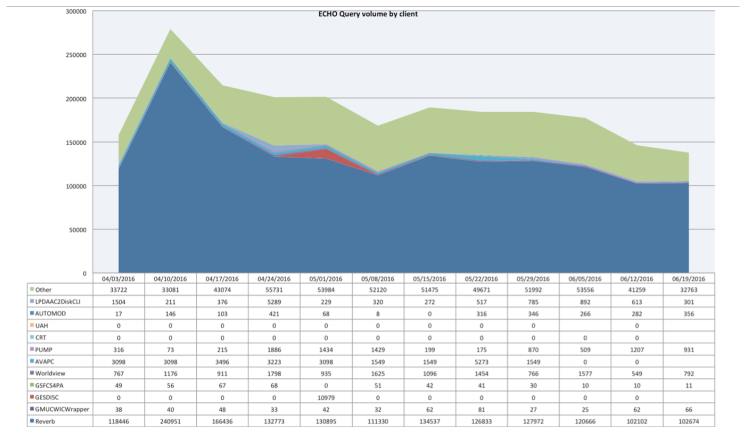
- 06/14/2016 08:20-08:34 ET: Operator error caused outage of ECHO Operations during PM

Recent Metrics

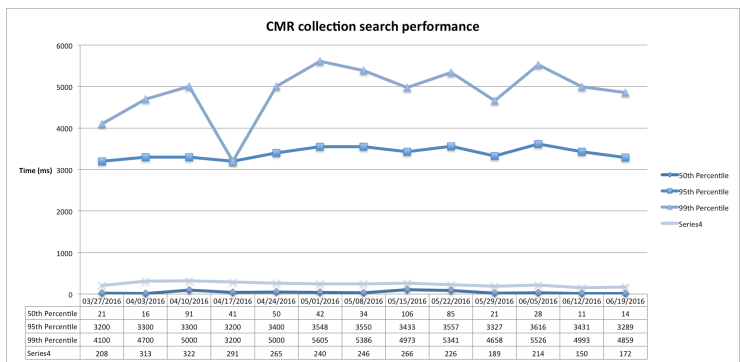
CMR client usage

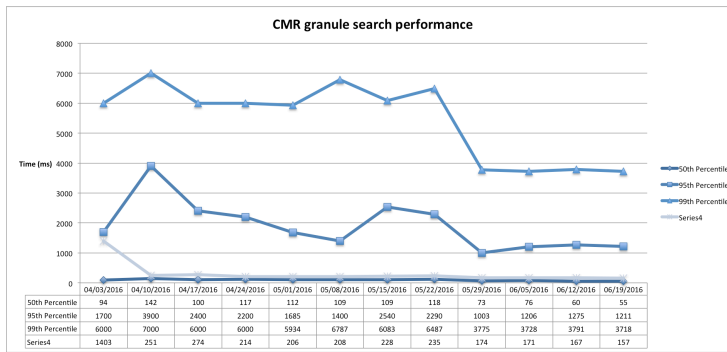


ECHO Client Usage



CMR Query Performance





## CMR Release Status

### In Production: 1.51

#### ❑ CMR-2933

Searching with temporal start and stop day of the same value produces an internal error

#### ❑ CMR-2928

Indexing ISO19115 collection failing on unknown spatial representation

#### ❑ CMR-2927

Validation of iso19115 metadata against CMR causes 500 error

#### ❑ CMR-2925

CMR shows inconsistent values for null first/last name fields for DIF and ECHO10 format

#### ❑ CMR-2908

Error with Tags Searching

#### ❑ CMR-2866

Invalid temporal search results in 500 error

#### ❑ CMR-2828

Ingest API HTTP documentation uses the http protocol that does not work. Use https instead.

#### ✅ CMR-2754

As a user of AST\_L1T Virtual Products I only want to see applicable URLs

#### ✅ CMR-2745

As a client user, I want my facet search results to be sorted by relevance

#### ❑ CMR-2519

GLAS granules are outside of spatial extent selected in EDSC and Reverb (CMR Bug)

#### ✅ CMR-1860

As a client user, I want to be able to retrieve UMM JSON with paleo temporal coverage

### In UAT: 1.52

CMR-2930 Spatial fields in DIF 9 records are not translated properly in the CMR

CMR-2912 As a Client User, I want the CMR to trim whitespace from collection entry titles for collection search results and sorting

CMR-2760 format not always showing in JSON

CMR-2442 As a Client User, I want to optionally include associated tag keys and data with a collection in metadata search results.

CMR-1821 As a client, I want to retrieve location facets in a hierarchical fashion.

## Earth Data Search Release Status

### In Production: 1.19

🔴 EDSC-1058

Spatial search by file - Shape file has too many points warning doesn't make sense (Earthdata Search)

🔴 EDSC-1057

Spatial search by file - clicking "Remove file" at the file preview window doesn't remove the file. (Eart...

🔴 EDSC-1056

Metadata interpretation differences between Reverb and EDSC (Earthdata Search)

🔴 EDSC-1054

Spatial search by file - ESRI shapefile won't upload (Earthdata Search)

🔴 EDSC-1053

Shapefile not being accepted and notification message disappears quickly (Earthdata Search)

🔴 EDSC-1049

"unknown" being shown under contacts (Earthdata Search)

🔴 EDSC-1044

Browse cache clean up is not happening

🟢 EDSC-1017

Reset scroll position when collection search changes

🔴 EDSC-1006

CWIC temporal filter shows unfiltered granules

🟢 EDSC-994

Add PSA CORRECTIONACHIEVED to Earthdata Search filter for AST\_L1T

🔴 EDSC-984

ESI order failures - ALBERS error without ALBERS option (Earthdata Search)

🔴 ECHO-486

While searching MCD12Q1 datasets in Reverb no response comes back

### In UAT: 1.20



|           |  |
|-----------|--|
| EDSC-1071 | Update sort order for collections to account for new CMR relevancy changes and put collections with granules first |
| EDSC-1069 | Progress bars for service requests no longer show progress   |
| EDSC-1068 | Data access requests with failures on the EDSC side should notify users  |
| EDSC-1010 | Maintain facet panel open/closed state when returning to collections list  |
| EDSC-986  | Populate bounding box coordinates from spatial filter to ESI form (Earthdata Search Service Desk)                  |

## Metadata Management Tool Release Status

### In Production: 1.25

#### MMT-559

As a user, I should be able to save my draft without leaving the current form page.

#### MMT-555

As a user, I should see a validation message when an existing metadata value does not match a dro...

#### MMT-147

As a Provider, I want to view a data holdings report detailing granule counts by collection for my provi...

### In UAT: 1.26

MMT-623 500 error when Cancelling from page with incomplete data

MMT-591 As a Provider, I want to delete a data quality summary.

MMT-590 As a Provider, I want to create and view a data quality summary.

MMT-560 Not all language names sort in alphabetical order

MMT-548 Spatial Keyword from DIF 10 record not translated into MMT Spatial Information form

MMT-131 As a Provider, I want to remove an order policy for my Provider.

MMT-130 As a Provider, I want to update an order policy for my Provider.

MMT-129 As a Provider, I want to create and view an order policy for my Provider.

### Upcoming PMs

#### 22 Jun 2016

- CMR 1.52 to PROD, 1.53 to UAT
- EDSC 1.20 to PROD, 1.21 to UAT
- MMT 1.26 to PROD, 1.27 to UAT
- ECHO 10.124 to OPS, 10.125 to PT

#### 29 Jun 2016

- CMR Production and ECHO Operations OS patching (live)

## 7. GIBS

Matthew Cechini

- **General Items**
  - UAT Test Environment - Pushing code & configuration updates this week. This environment will be the primary location for new imagery products. Currently, the GIBS SIT environment is serving that purpose.
  - ICD Revision 2 - CCR has been initiated. Reviewing final artifacts for release before the next UTC.
  - Legacy GIBS Shutdown - Imagery access and ingest services have been shutdown on the legacy GIBS system. Access services had not been available, but ingest was still active as a fast-failback option.
- **New/Planned Products**
  - Landsat WELD
    - Ongoing processing of full resolution True Color and NDVI imagery. (Completed 2009. Beginning 2010)
  - MODIS Collection 6 - Atmosphere & Land Reprocessing
    - Atmosphere STD Reprocessing - 2015-2007 Completed. Processing 2006/2016.
    - Atmosphere NRT Forward Processing - Completed initial testing in SIT.
    - Land L2 - Developing reprocessing plan with MODAPS.
    - Land L3 - Coordinating with MODAPS on first phase of sample imagery
  - Non-BEDI Imagery Products
    - Testing colormap/delivery updates to OMI AOD NRT products
    - Testing colormap/delivery updates to GPM STD and new GPM/IMERT NRT products
    - Pending testing for new MISR-NRT products
    - Pending testing for AMSR2 Land NRT products
  - BEDI Activities - Actively working towards operationalization of the following products:
    - OMI/AIRS/MERRA/LDAS - GESDISC
    - SST/Chlorophyll - OBPG
    - RSS/LIS - GHRC
    - MOPITT/CERES/MISR - ASDC
    - ASTER L1T - LPDAAC
      - Coordinating granule access with EDSC.
    - Aquarius/MEaSURES/SSM/I - NSIDC
      - Reviewing historical processing with DAAC.
      - Will be released to production after review.
    - Aquarius/MODIS PODAAC

Alex De Luca

- **GIBS Production Status**
  - OMI NRT is back up and in GIBS as of was on 06/17
  - Completed
    - GDEM Greyscale TWMS issues
    - Image Download Fires (MODIS & VIIRS) not working in KMZ download
  - In Progress:
    - Back Processing Orbit Tracks:
      - ISS
      - Terra
      - Aqua
      - Aura
      - CALIPSO
      - GOSAT
      - Suomi NPP
      - GCOM-W1
      - Landsat 8
      - GPM
    - Image Download Polar GeoTIFFs not geo-referenced correctly for some GIS applications (Waiting on Worldview fixes)
    - Incident with Reference Feature being unavailable on one of the cache servers on morning of 06/16 (Still investigating)
    - Enhancing our automated monitoring of GIBS

## 8. Worldview

Taylor Gunnoe

- Imminent release v1.1
  - MODIS C6 Atmosphere products
  - Orbit Tracks for Landsat 8, ISS, GOSAT and SMAP
  - New GIBS Endpoints
- Release v1.2
  - first release of Natural Events UI
  - Currently testing
- Next in line
  - GIBS Colormap schema updates for Worldview
  - Rotation for polar views
  - Animations

## 9. Open Floor